

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5	(\$cuo?sub.4 or \$cu?sub.3\$O?sub.6) same (electro \$1luminesc\$ or luminesc\$ or fluoresc\$ or light \$1emit\$ or light emit\$)	US-PGPUB; USPAT	ADJ	ON	2009/10/23 14:31
L3	161	((na or sodium or k or potassium or li or lthium or rb or rubidium or cs! or cesium or fr or francium) with (aluminate or manganate or chromate)) same (electro \$1luminesc\$ or luminesc\$ or fluoresc\$ or light \$1emit\$ or light emit\$)	US-PGPUB; USPAT	ADJ	ON	2009/10/23 14:33
L5	217	((na or sodium or k or potassium or li or lthium or rb or rubidium or cs! or cesium or fr or francium) with (\$6o?sub.3 or perovskite\$) with (al or aluminum or mn or manganese or cr or chromium)) same (electro	US-PGPUB; USPAT	ADJ	ON	2009/10/23 14:43

		\$1luminesc\$ or luminesc\$ or fluoresc\$ or light \$1emit\$ or light emit\$)				
L6	1	(\$na\$alo?sub.3 or \$na\$mno?sub.3 or \$na\$cro?sub.3 or \$alo?sub.3\$na\$ or \$mno?sub.3 \$na\$ or \$cro?sub.3\$na\$ or \$al\$na\$o?sub.3 or \$mn\$na\$o?sub.3 or \$cr\$na\$o?sub.3) same (electro \$1luminesc\$ or luminesc\$ or fluoresc\$ or light \$1emit\$ or light emit\$)	US-PGPUB; USPAT	ADJ	ON	2009/10/23 14:44
L7	3	(\$li\$alo?sub.3 or \$li\$mno?sub.3 or \$li\$cro?sub.3 or \$alo?sub.3\$li\$ or \$mno?sub.3 \$li\$ or \$cro?sub.3\$li\$ or \$al\$li\$o?sub.3 or \$mn\$li\$o?sub.3 or \$cr\$li\$o?sub.3 or \$k\$alo?sub.3 or \$k\$mno?sub.3 or \$k\$cro?sub.3 or \$alo?sub.3\$k\$ or \$mno?sub.3\$k\$ or \$cro?sub.3\$k\$ or \$al\$k\$o?sub.3 or \$mn\$k\$o?sub.3 or \$cr\$k\$o?sub.3 or \$rb\$alo?sub.3 or \$rb\$mno?sub.3 or \$rb\$cro?sub.3 or \$alo?	US-PGPUB; USPAT	ADJ	ON	2009/10/23 14:47

		sub.3\$rb\$ or \$mno?sub.3\$rb\$ or \$cro?sub.3\$rb\$ \$ or \$al\$rb\$o? sub.3 or \$mn\$rb \$o?sub.3 or \$cr \$rb\$o?sub.3 ) same (electro \$1luminesc\$ or luminesc\$ or fluoresc\$ or light \$1emit\$ or light emit\$)				
L8	2	(\$cs\$alo?sub.3 or \$cs\$mno? sub.3 or \$cs \$cro?sub.3 or \$alo?sub.3\$cs\$ or \$mno?sub.3 \$cs\$ or \$cro? sub.3\$cs\$ or \$al \$cs\$o?sub.3 or \$mn\$cs\$o?sub.3 or \$cr\$cs\$o? sub.3 or \$fr\$alo? sub.3 or \$fr \$mno?sub.3 or \$fr\$cro?sub.3 or \$alo?sub.3\$fr\$ or \$mno?sub.3 \$fr\$ or \$cro? sub.3\$fr\$ or \$al \$fr\$o?sub.3 or \$mn\$fr\$o?sub.3 or \$cr\$fr\$o? sub.3 ) same (electro \$1luminesc\$ or luminesc\$ or fluoresc\$ or light \$1emit\$ or light emit\$)	US- PGPUB; USPAT	ADJ	ON	2009/10/23 14:48
L9	6	(6 or 7 or 8) not 1	US- PGPUB; USPAT	ADJ	ON	2009/10/23 14:49

L10	100	(alkali with (aluminate or manganate or chromate)) same (electro \$1luminesc\$ or luminesc\$ or fluoresc\$ or light \$1emit\$ or light emit\$)	US-PGPUB; USPAT	ADJ	ON	2009/10/23 14:51
L11	26	(alkali with (\$6o? sub.3 or perovskite\$) with (al or aluminum or mn or manganese or cr or chromium)) same (electro \$1luminesc\$ or luminesc\$ or fluoresc\$ or light \$1emit\$ or light emit\$)	US-PGPUB; USPAT	ADJ	ON	2009/10/23 14:52
L12	456	(3 or 5 or 10 or 11) not (1 or 9)	US-PGPUB; USPAT	ADJ	ON	2009/10/23 14:52
L13	151	12 and (el.u/c. or electro \$1luminesc\$)	US-PGPUB; USPAT	ADJ	ON	2009/10/23 14:52

### EAST Search History (I nterference)

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**10/ 23/ 09 2:57:44 PM**

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